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CENTRAL FAX CENTER****OCT 24 2006****Amendments to the Drawings:**

The attached drawings include changes to Fig. 5. This sheet, which includes Figs. 5 and 6, replaces the original sheet including Figs. 5 and 6. In Fig. 5, a "cylindrical lens 25" was added. Support in the specification can be found on page 11, lines 18-20.

Attachments: Replacement Sheet
Annotated Sheet Showing Changes

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REMARKS/ARGUMENTS

Claims 1-25, 27, 28, and 30-36 are pending in the present application. Claims 26 and 29 have been canceled. Claims 1, 6, 9, 14, 19, 22 and 27 have been amended to better claim the present invention. Claims 30-36 have been added.

1. The drawings are objected to under 37 CFR 1.83(a). Applicants have amended Fig. 5 to include a cylindrical lens. Applicants submit this objection is not moot.

2. Claims 1-13, 19, 26 and 27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention.

Claims 1, 17 and 19 have been amended to overcome the rejection. Claim 26 has been canceled. Applicants submit that the rejection is now moot.

3. The Examiner has rejected claims 1, 4, 5, 7, 8, and 13 under 35 U.S.C. 102(b) as being anticipated by Bullock et al. (US 2,723,589).

Applicants have amended claim 1 to clarify the claimed invention. Specifically, claim 1 includes "a first mirror disposed adjacent to the light dispersion element wherein the first mirror receives light from the reflector to provide an optical reference signal indicative of a first relative position of the reflector". (emphasis added)

Applicant contend that Bullock et al. ('589) does not show an optical spectrum analyzer having this feature, and therefore, Applicants submit that independent claim 1 is allowable.

Claims 4, 5, 7, 8, and 13 variously depend on independent claim 1, and therefore are not anticipated by Bullock et al. ('589) for at least the reason provided hereinbefore. It is respectfully submitted that this rejection is now moot, and therefore are allowable.

4. The Examiner has rejected claims 14-17, 19-21, 23-25 and 27-29 under 35 U.S.C. 102(b) as being anticipated by Lefevre et al. (US 5,886,785).

Applicants have amended claim 14 to clarify the claimed invention. Specifically, claim 14 includes "a resonant actuator that rotates the reflector to spectrally move the spectrally-spaced optical wavelengths to select an optical wavelength band". (emphasis added)

Applicant contend that Lefevre et al. ('785) does not show an optical spectrum analyzer having this feature, and therefore, Applicants submit that independent claim 14 is allowable.

Claims 15-17, 19-21, 23-25 and 27-29 variously depend on independent claim 14, and therefore are not anticipated by Lefevre et al. ('785) for at least the reason provided hereinbefore. It is respectfully submitted that this rejection is now moot, and therefore are allowable.

5. Claims 1-5, 7, 8 and 10-13 are rejected under 35 U.S.C. §103(a) as being unpatentable over Lefevre et al. ('785) in view of Bullock et al. ('589).

As discussed hereinbefore, Bullock et al. ('589) nor Lefevre et al. ('785) teach or suggest an optical spectrum analyzer having "a first mirror disposed adjacent to the light dispersion element wherein the first mirror receives light from the reflector to provide an optical reference signal indicative of a first relative position of the reflector". (emphasis added)

While Bullock et al. does show a mirror 94 reflecting light from a straight line filament bulb 92 to produce calibration marks on the screen of a two-beam cathode ray oscilloscope, the reflected light in Bullock is not provided from the reflector as newly claimed by Applicants. Applicants submit that newly amended claim 1 is allowable over Lefevre et al. in view of Bullock et al.

Claims 2-5, 7, 8 and 10-13 variously depend from claim 1, and therefore it is respectfully requested that claims 2-5, 7, 8 and 10-13 be reconsidered and allowed for at least the reasons provided hereinbefore.

6. Claim 18 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Lefevre et al. ('785) in view of Dolin (US 3,460,892).

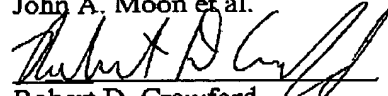
Lefevre et al. ('785) nor Dolin ('892) teach or suggest an optical spectrum analyzer having includes "a resonant actuator that rotates the reflector to spectrally move the spectrally-spaced optical wavelengths to select an optical wavelength band". (emphasis added) Applicants submit that claim 18 is allowable over Lefevre et al. in view of Bullock et al. for the reasons provided hereinbefore.

7. Examiner found claims 6, 9, and 22 would be allowable. Applicants have amended these claims in independent form that include all of the limitations of the base claim and any intervening claims. Applicants submit that these claims are allowable.

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8. Applicants submit that newly added claims 30-36 are allowable for at least the reasons provided for the allowed claims.
9. Applicants claim small entity status for the present patent application.
10. A petition for a three-month extension of time under 37 CFR 1.136 is submitted herewith. Please charge the fee of \$510.00 for the three (3) month extension of time and \$325.00 for the additional claims to Deposit Account No. 50-0260 Order No. CC-0734. Any deficiency or overpayment should be charged or credited to this deposit account.

Respectfully submitted,
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Annotated Sheet

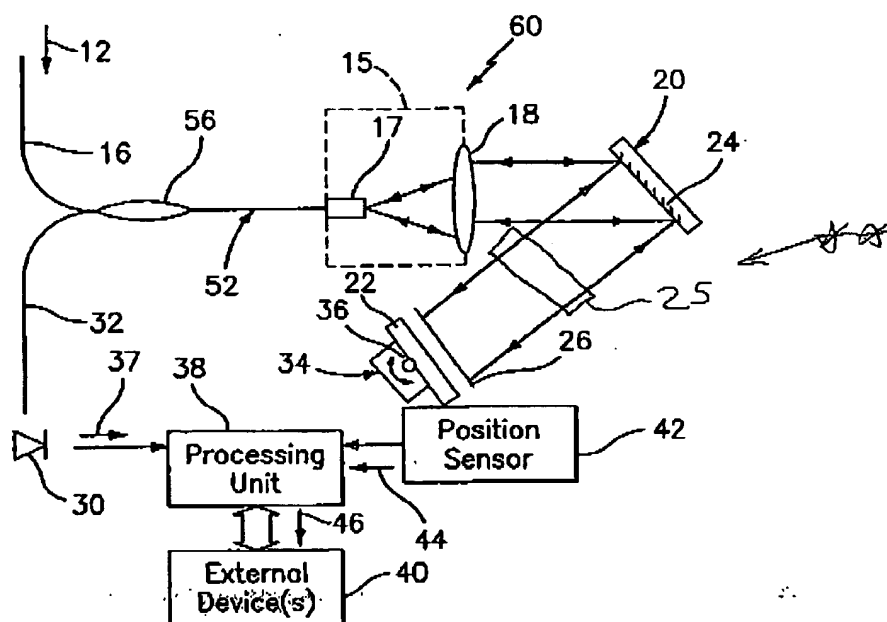


FIG. 5

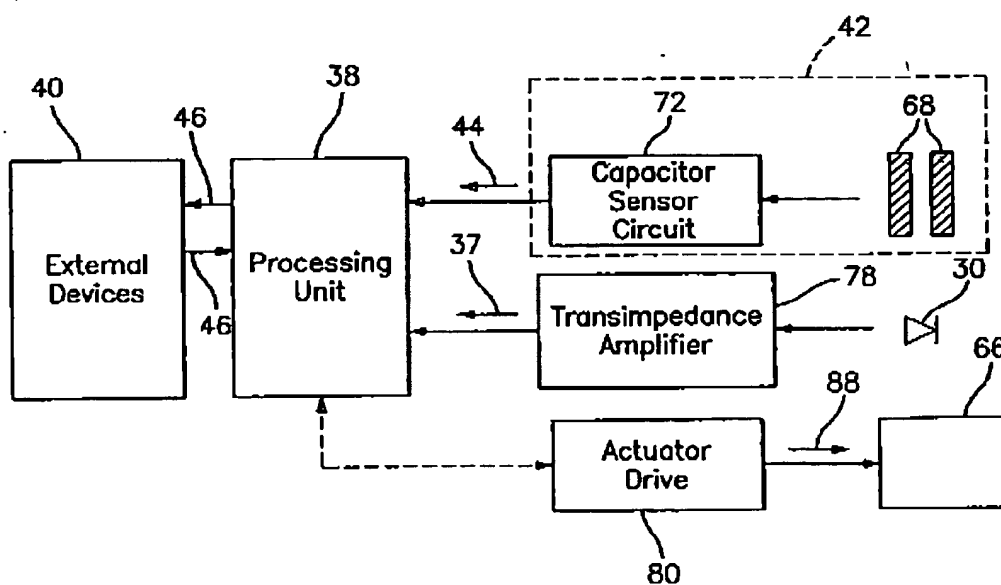


FIG. 6